FIIG A130

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# FEDERAL ITEM IDENTIFICATION GUIDE CARDS

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#### Commander

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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#### **GENERAL INFORMATION**

#### 1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

#### 2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG

Applicability Key Index

Section I - Item Characteristics Data Requirements

Section III - New text that should be here.

Appendix A - Reply Tables

Appendix B - Reference Drawing Groups (as applicable)

Appendix C - Technical Data Tables (as applicable)

#### a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

#### b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

- (1) The letter "X" indicates the requirement must be answered for a full descriptive item.
- (2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (\*) is used in conjunction with the applicability key column in Section I.
- (3) A blank in the column indicates the requirement is not applicable to the specific item name.

#### c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

#### (1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (\*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

#### (2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

#### (b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (\*). Steps (1) through (6) are repeated for each application of the requirement.

#### (c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (\*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

#### (3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

- (a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.
- (b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

#### (4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

#### (5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

#### e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

#### f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

#### g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	Mode Code	Requirement	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

- 4. Special Instructions and Indicator Definitions
  - a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

#### b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

#### 5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

#### 6. Maintenance

Requests for revisions and other changes will be directed to:

#### FIIG A130 GENERAL INFORMATION SECTION I/III REQUIREMENTS INDEX

## **Index of Master Requirement Codes**

NAME	10
ANNQ	10
AWJT	10
AYGQ	11
AYGR	11
ASBC	12
AYGW	12
AYGS	13
AYGT	13
AYRA	13
AAFS	13
AYGX	14
ALCD.	14
AYGZ	14
MARK	15
FEAT	15
TEST	15
SPCL	16
ZZZK	16
ZZZT	17
ZZZW	
ZZZX	
ZZZY	
CRTL	18
PRPY	
ENAC	19
PPRM	20
ELRN	
ELCD.	
BBRG	
AJCN	
ASFB	
APEA	
AFJK	
SUPP	
CXCY	23

## FIIG A130 GENERAL INFORMATION INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

An item designed for use primarily to find a reader's place in a book. May be imprinted with medical advice,

A ruled or blank item designed for the recording of book charging data. It is usually kept in the book pocket. The title of the book and the name of the author are usually typed or written at the top and spaces below are provided for due dates. It may also have spaces for borrowers' names, return dates and other similar

**INC** 

48082

20425

App Key

Α

#### INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

symbols, symptoms, or the like. Excludes BOOK and PAMPHLET.

Approved Item Name

CARD, BOOK, LIBRARY

**BOOKMARK** 

printed thereon.

information. CARD, BORROWER'S, LIBRARY 18293 В A card on which is imprinted the borrower's name and number, having columns for inserting the due date and return date for computing charges, if any. The card is normally retained by the borrower. 16738  $\mathbf{C}$ CARD, CHARGE OUT An item usually rectangular in shape, having a tab. It may have "OUT" printed thereon. It may be ruled (printed) or have a pocket for use to indicate data on item(s) removed from file. Excludes CARD, GUIDE, FILE and TAB, SIGNAL. 06648 CARD, GUIDE, FILE D A single card with a tabbed edge to facilitate reference. The tab shall be of one position cut only; it may have like printing on tab only. See also CARD SET, GUIDE, FILE. Excludes all printed forms. CARD, IDENTIFICATION, HOSPITAL, 45612 Α **INPATIENT** A double sided plastic item, one side is usually for a lettered legend and the other side is blank, to be embossed with patient identification and information. It may have "Medical Service" and "Inpatient" printed thereon. CARD, IDENTIFICATION, HOSPITAL, 45613 Α **OUTPATIENT** 

A double sided plastic item, one side is usually for a lettered legend and the other side is blank, to be embossed with patient identification and information. It may have "Medical Service" and "Outpatient"

#### FIIG A130 GENERAL INFORMATION INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name

CARD, INDEX

O4855

A

A plain or lined card without a tabbed edge, generally used as a file card and/or index card, either as is, or by cutting to size for mounting on the face of an address plate or the like. Excludes all printed forms.

CARD, INDICATING, STRESS CONTROL

47961

B

A biofeedback card with imprinted message on the front and back, designed primarily to insure effective practice of relaxation and positive visualization techniques. This item is to be used only at room temperature, and may be used with a thumb to indicate a count.

CARD, INSTRUCTION, PATIENT 48529 A
HEALTH

A pre-printed item designed for use in providing information about recommended health screenings, nutrition, preventive medicine, and the like.

CARD, MAGNETIC, DATA RECORDING 32735 E

A single plastic film magnetic card used for digital recording and reproducing of data on automatic typewriters and on similar magnetic card transports and recording methods. The card may or may not have writable surface area for handwritten identification. May or may not have a diagonal corner cut. Excludes CARD, TABULATING, ELECTRIC ACCOUNTING MACHINE.

CARD, PATIENT INFORMATION 38679 D

An item designed for desk top use, primarily to disseminate information to visitors.

CARD SET, GUIDE, FILE 04782 D

A set consisting of two or more cards having tabbed edges to facilitate reference. The set may have a variation of printed data on the tabs or may have unprinted tabs, with different tab position cuts. See also CARD, GUIDE FILE. Excludes all printed forms.

CARD, TABULATING, EAM 33256 E

A card on which data are entered by use of punched holes or other means which can be collated, listed, sorted, totaled, or otherwise manipulated by an electric accounting machine. Includes cards with a rectangular hole designed for mounting microfilm. The film may or may not be included.

CARD, TABULATING MACHINE, 20638 F
CONTINUOUS FLAT FOLD

A continuous flat folded sprocket fed blank card at least 8 inches (203.2mm) wide, for use on a tabulating machine. It is perforated perpendicularly parallel to sprocket fed holes, and perforated horizontally. A card is formed when separated at perforations.

#### FIIG A130 GENERAL INFORMATION INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	<u>INC</u>	App Key
CARD, TIMER, MACHINE OPERATING	46499	Е

An item specifically designed for use as a central timing device to provide time correlated signals to control cycles in a washing machine. The item can be blank or precut to various time code formats and designed to be inserted into flat or drum mounted items.

CARD, VISION TEST RECORDING 46504 A

An item on which are imprinted lines for recording a patient's name, date, and test results. Excludes CARD, PATIENT INFORMATION.

#### FIIG A130 GENERAL INFORMATION APPLICABILITY KEY INDEX

#### **APPLICABILITY KEY INDEX**

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
NAME	X	X	X	X	X	X
ANNQ	X	X	X	X	X	X
AWJT	X	X	X	X	X	X
AYGQ	X	X	X	X	X	X
AYGR	X	X	X	X	X	X
ASBC	AR	AR	AR	AR	AR	AR
AYGW			X	X		
AYGS			X	X		
AYGT			X	X		
AYRA			AR	AR		
AAFS			X	X		
AYGX	AR		AR			
ALCD					AR	AR
AYGZ					AR	
MARK	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR
PPRM	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR
BBRG	AR	AR	AR	AR	AR	AR
AJCN	AR	AR	AR	AR	AR	AR
ASFB	AR	AR	AR	AR	AR	AR
APEA	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR

#### **SECTION I**

APP Mode

Key MRC Code Requirements

**ALL** 

NAME D ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04782\*)

**ALL** 

ANNQ H MATERIAL AND LOCATION

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from <u>Appendix A</u>, Table 1 and the table below. (e.g., ANNQHCP0000ABQ\*)

When multiple or optional materials are specified for more than one location, use AND Coding and AND/OR condition coding. AND Coding will separate locations and AND/OR will separate materials. (e.g., ANNQHCP0000ABQ\$\$HME0000ABQ\*; ANNQHCP0000ATW\$\$HME0000ATW\*).

REPLY CODE
ABQ
BODY
AAB
OVERALL
ATW
TAB

**ALL** 

AWJT H COLOR AND LOCATION

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY, AND ITS LOCATION ON THE ITEM.

APP Mode

Key MRC Code Requirements

Reply Instructions: Enter the applicable Reply Code from <u>Appendix A</u>, Table 2, followed by the applicable Reply Code from the table below. (e.g., AWJTHNA0000ATX\*)

When multiple or optional colors are specified for more than one location, use AND Coding and AND/OR condition coding. AND Coding will separate locations and AND/OR will separate colors. (e.g., AWJTHAM0000ATX\$HBL0000ATX\* AWJTHAM0000ATY\$HBL0000ATX\*; AWJTHAM0000ATY\$HBL0000ATY\*).

REPLY CODE	REPLY (AJ91)
ATX	CARD STOCK
ATY	INSCRIPTION
AAB	OVERALL

ATZ STRIPE (excludes line)

ATW TAB

**ALL** 

#### AYGQ J NOMINAL BODY HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE BODY, IN DISTINCTION FROM DEPTH, EXCLUSIVE OF ANY PROTRUSIONS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AYGQJA1.062\*; AYGQJL28.00\*)

For Applicability Key F, enter the numeric value for depth of fold.

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

**ALL** 

#### AYGR J NOMINAL BODY WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BODY, IN DISTINCTION FROM THICKNESS, EXCLUSIVE OF ANY PROTRUSIONS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AYGRJA3.500\*; AYGRJL88.90\*)

APP Mode
Key MRC Code Requirements

REPLY CODE A REPLY (AA05)
A INCHES

L MILLIMETERS

ALL\*

ASBC J NOMINAL BASIS WEIGHT

Definition: THE NOMINAL WEIGHT BASED ON A SPECIFIED AMOUNT, SIZE, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from <u>Appendix A</u>, Table 3, followed by the numeric value. (e.g., ASBCJABY60.0\*; ASBCJAAK131.4\*)

C, D

AYGW H TAB CUT DESIGNATION AND POSITION

Definition: THE SPECIFIED TAB CUT BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND ITS POSITION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. See <a href="Appendix B">Appendix B</a>, Reference Drawing Group A. (e.g., AYGWHAXAWD\*)

When multiple or optional positions are specified for more than one designation, use AND Coding and AND/OR coding. AND Coding will be used to separate multiple designations and AND/OR to separate positions. (e.g., AYGWHASAWC\$\$HASAHK\*; AYGWHASAWC\$\$HASAHK\*; AYGWHAWAWC\$\$HAWAHK\*).

Table 1	
REPLY CODE	REPLY (AL18)
AX	ONE FIFTH CUT
AW	ONE FOURTH CUT
AS	ONE HALF CUT
AY	ONE SIXTH CUT
AT	ONE THIRD CUT

Table 2REPLY CODEREPLY (AJ91)AWHALLAWFFIFTHAWCFIRSTAWEFOURTHAHKSECONDAWGSIXTH

APP Mode
Key MRC Code Requirements

AWD THIRD

C, D

AYGS D TAB LOCATION

Definition: INDICATES THE LOCATION OF THE TAB ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. See <a href="Appendix B">Appendix B</a>, Reference Drawing Group B. (e.g., AYGSDBSD\*; AYGSDBSC\$DBSD\*)

REPLY CODE REPLY (AJ91)
BSC LONG SIDE
BSD SHORT SIDE

C, D

AYGT D TAB TYPE

Definition: INDICATES THE TYPE OF TAB PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AYGTDACA\*; AYGTDACA\$DACB\*)

REPLY CODE REPLY (AM35)
ACA ANGULAR
A ANY ACCEPTABLE
ACB STRAIGHT

C\*, D\*

AYRA G TAB INSCRIPTION

Definition: ANY LETTER(S), NUMERAL(S), SYMBOL(S), OR COMBINATION THEREOF, INSCRIBED ON THE TAB.

Reply Instructions: Enter the reply in clear text. (e.g., AYRAGA THRU Z\*)

C, D

AAFS D APPLICATION DESIGN

APP Mode

Key MRC Code Requirements

Definition: THE PRIMARY APPLICATION FOR WHICH THE ITEM IS

DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,

AAFSDCE\*; AAFSDCE\$DCF\*)

REPLY CODE
CE DRAWER CABINET
CF SHELF CABINET
CG VERTICAL TRAY

A\*, C\*

AYGX A RULED SIDE QUANTITY

Definition: THE NUMBER OF RULED SIDES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AYGXA1\*)

E\*, F\*

ALCD G USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALCDGFORTRAN

STATEMENT\*)

E\*

AYGZ D DIAGONAL CORNER CUT LOCATION

Definition: INDICATES THE DIAGONALLY CUT CORNER LOCATION ON THE

ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,

AYGZDAWJ\*; AYGZDAWJ\$DAWK\*)

REPLY CODE
A
ANY ACCEPTABLE
AWJ
AWK
UPPER LEFT HAND
UPPER RIGHT HAND

APP Mode

Key MRC Code Requirements

ALL\*

MARK G SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., MARKGRED STRIPE\*)

ALL\*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP\*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE\*)

ALL\*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321\*;

TESTJA1234A-654321\$\$JB5556A-663654\*;

TESTJAA2345-654321\$JB55566-663654\*)

APP Key	MRC	Mode Code	Requirements
		REPLY	REPLY (AC28)
		<u>CODE</u>	
		A	SPECIFICATION (Includes engineering type bulletins,
			brochures, etc., that reflect specification type data in
			specification format; excludes commercial catalogs,
			industry directories, and similar trade publications,
			reflecting general type data on certain environmental and
			performance requirements and test conditions that are
			shown as "typical," "average," "nominal," etc.)
		В	STANDARD (Includes industry or association standards,
			individual manufacturer standards, etc.)
		C	DRAWING (This is the basic governing drawing, such as a
			contractor drawing, original equipment manufacturer
			drawing, etc.; excludes any specification, standard, or other
			document that may be referenced in a basic governing
			drawing)

ALL\*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS\*)

ALL\*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

APP Mode

Key MRC Code Requirements

(e.g., ZZZKJT81337-30642B\*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/\*;

ZZZKJP80205-NAS1103\*;

ZZZKJS81349-MIL-C-1140C/CE/\*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103\*)

<u>REPLY</u>	REPLY (AN62)
<u>CODE</u>	
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
В	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION
	SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION
	STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL\* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from <u>Appendix A</u>, Table 4, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1\*; ZZZTJTY1\$\$JSTA\*; ZZZTJTY1\$JSTA\*)

ALL\*

ZZZW G DEPARTURE FROM CITED DOCUMENT

APP Mode

Key MRC Code Requirements

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL\*)

ALL\*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL\*)

ALL\*

ZZZY G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS\*; ZZZYGAS DIFFERENTIATED BY MATERIAL\*)

ALL\*

CRTL A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

APP Mode

Key MRC Code Requirements

> Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL\*; CRTLAMATL\$\$ASURF\*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL\* (See Note Above)

**PRPY** Α PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS\*; PRPYANPAC\*; PRPYAMATL\$\$ASURF\*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL\* (See Note Above)

**ENAC** ENVIRONMENTAL ATTRIBUTE CODE D

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDE3\*; ENACDJK\$\$DE3\*)

> **REPLY** REPLY (EN02)

**CODE** 

COMPREHENSIVE PROCUREMENT GUIDELINE — NON-PAPER OFFICE PRODUCTS —: PLASTIC

APP Key	MRC	Mode Code	Requirements
r.			DESKTOP ACCESSORIES
		JH	COMPREHENSIVE PROCUREMENT GUIDELINE —
			PAPER AND PAPER PRODUCTS —;
			MISCELLANEOUS PAPERS
		JK	COMPREHENSIVE PROCUREMENT GUIDELINE —
			PAPER AND PAPER PRODUCTS —; PAPERBOARD
			AND PACKAGING PRODUCTS
		JL	COMPREHENSIVE PROCUREMENT GUIDELINE —
			PAPER AND PAPER PRODUCTS —; PRINTING AND
			WRITING PAPERS

NOTE FOR MRC PPRM: IF REPLY CODE JH OR JL WAS ENTERED FOR MRC ENAC, REPLY TO MRC PPRM.

ALL\* (See Note Above)

PPRM B POST- CONSUMER RECOVERED MATERIALS PERCENTAGE

Definition: THE PERCENTAGE OF THE POST-CONSUMER RECOVERED OR RECYCLED MATERIAL

Reply Instructions: Enter the numeric value. (e.g., PPRMB50.0\*)

ALL\*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g.,

ELRNGANN112036BIL060557LEN313605UZ62365\*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL\*

APP Mode Key MRC Code

Code Requirements

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA\*)

REPLY

CODE A

ADDITIONAL DESCRIPTIVE DATA ON MANUAL

RECORD

REPLY (AN58)

#### **SECTION III**

APP

Key MRC Mode Code Requirements

**ALL** 

BBRG D STORAGE TYPE

Definition: INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRGDAD\*; BBRGDAM\$DAN\*)

REPLY CODE	REPLY (AM81)
AC	CLOSED SHED
AD	CONTROLLED HUMIDITY WAREHOUSE
AM	DEHUMIDIFIED WAREHOUSE
AE	GENERAL PURPOSE WAREHOUSE
AN	HEATED WAREHOUSE

AN HEATED WAREHOUSE AJ UNHEATED WAREHOUSE

**ALL** 

AJCN D PROTECTIVE STORAGE FEATURE

**APP** 

Key MRC Mode Code Requirements

Definition: THE PECULIAR STORAGE FEATURE(S) REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJCNDCW\*; AJCNDCW\$\$DDW\*)

REPLY CODE DW REPLY (AA65) FIREPROOF

CV GENERAL PURPOSE CW HUMIDITY CONTROLLED

**ALL** 

ASFB D GRAIN DIRECTION

Definition: AN INDICATION OF THE GRAIN DIRECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASFBDB\*)

REPLY CODE
B HORIZONTAL
D VERTICAL

**ALL** 

APEA D SURFACE CONDITION

Definition: THE CONDITION OF THE ITEM WITH RESPECT TO THE TEXTURE OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APEADBAQ\*)

REPLY CODE	REPLY (AK39)
BAQ	GLAZED
BBB	MATTE (dull)
BAB	ROUGH
AAJ	SMOOTH

**APP** 

Key MRC Mode Code Requirements

**ALL** 

AFJK J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0219\*)

REPLY CODE
F CUBIC FEET
E CUBIC METERS

**ALL** 

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCLUDE HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT\*)

**ALL** 

CXCY G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD\*)

## **Reply Tables**

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#### Table 1 - MATERIALS

REPLY CODE	REPLY (AD09)
CP0000	CARDBOARD
CPH000	INDEX BRISTOL
CPJ000	MANILA BOARD
ME0000	METAL
PFAAH0	PAPER, CHEMICAL WOOD PULP
PFAAK0	PAPER, INDEX
PF0059	PAPER, INDEX, UU-P-258, GRADE B
PF0060	PAPER, INDEX, UU-P-258, GRADE C
PFAK00	PAPER, MANILA
PF0061	PAPER, MANILA, MIL-P-43331, TYPE 1
PF0062	PAPER, MANILA, MIL-P-43331, TYPE 2
PFAAJ0	PAPER, MECHANICAL WOOD PULP
PFAAM0	PAPER, RAG PULP TYPE
PFZ000	PAPER, 25 PERCENT RAG CONTENT
PFAA00	PAPER, 50 PERCENT RAG CONTENT
PFAC00	PAPER, 100 PERCENT RAG CONTENT
PC0000	PLASTIC
PCF000	PLASTIC, ACETATE CELLULOSE
PG0000	PRESSBOARD
PG0001	PRESSBOARD, COLORED, UU-P-00701
PFAAL0	TAGBOARD
PF0063	TAGBOARD, JUTE, UU-T-75
PF0064	TAGBOARD, MANILA, UU-T-78

Table 2 - COLORS

REPLY CODE	REPLY (AD06)
AM0000	AMBER
BL0000	BLACK
BU0000	BLUE
BR0000	BROWN
MS0013	BUFF
RE0046	CHERRY
CL0000	CLEAR
GY0000	GRAY
GR0000	GREEN
NA0000	NATURAL
RG0000	ORANGE
PK0007	PEACH
PK0000	PINK
RE0000	RED
RE0006	ROSE
PK0005	SALMON

REPLY CODE REPLY (AD06)

VL0000 VIOLET WH0000 WHITE YE0000 YELLOW

#### Table 3 - NOMINAL BASIS WEIGHTS

REPLY CODE	REPLY (AL62)
AAK	GRAMS PER SQUARE METER
AAB	POUNDS PER 500 SHEETS 17 X 22
ABY	POUNDS PER 500 SHEETS 22.5 X 28.5
ACA	POUNDS PER 500 SHEETS 22.5 X 35
AAD	POUNDS PER 500 SHEETS 24 X 36
AAH	POUNDS PER 500 SHEETS 25 X 40
ACC	POUNDS PER 500 SHEETS 25.5 X 30.5
AAC	POUNDS PER 1000 SHEETS 17 X 22
ABZ	POUNDS PER 1000 SHEETS 22.5 X 28.5
ACB	POUNDS PER 1000 SHEETS 22.5 X 35
AAE	POUNDS PER 1000 SHEETS 24 X 36
AAJ	POUNDS PER 1000 SHEETS 25 X 40
ACD	POUNDS PER 1000 SHEETS 25.5 X 30.5
ABX	POUNDS PER 1000 SQUARE FEET

#### Table 4 - NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION

REPLY CODE	REPLY (AD08)
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
	MAXIMUM DENSITY
BB	
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE

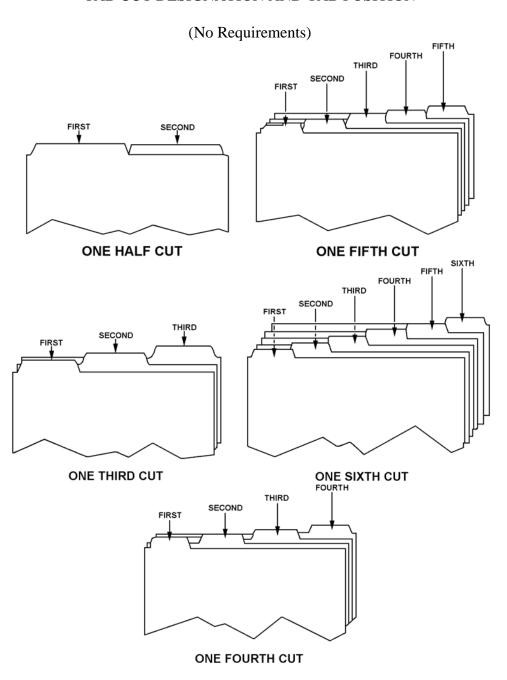
DEDLY CODE	DEDLY (ADOS)
REPLY CODE	REPLY (AD08)
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH
	***************************************

## **Reference Drawing Groups**

REFERENCE DRAWING GROUP A	. 32
REFERENCE DRAWING GROUP B	. 34

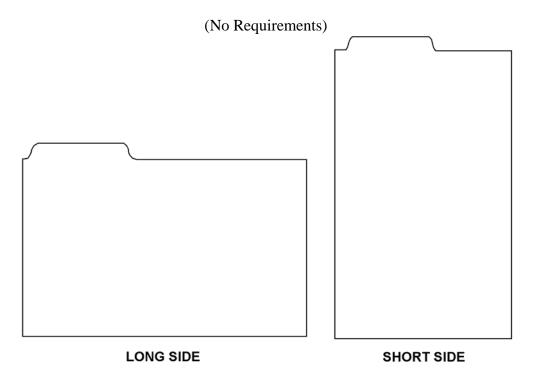
#### REFERENCE DRAWING GROUP A

#### TAB CUT DESIGNATION AND TAB POSITION



#### REFERENCE DRAWING GROUP B

#### TAB LOCATION



### **Technical Data Tables**

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OUNCE TO DECIMAL OF A POUND CONVERSION CHART	38

#### STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	4ths	8ths	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32		.031	.0312				17/32		.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16			.062	.0625			9/16			.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32		.094	.0938				19/32		.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8				.125	.1250		5/8				.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32		.156	.1562				21/32		.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16			.188	.1875			11/16			.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32		.219	.2188				23/32		.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4					.250	.2500	3/4					.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32		.281	.2812				25/32		.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16			.312	.3125			13/16			.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32		.344	.3438				27/32		.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8				.375	.3750		7/8				.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32		.406	.4062				29/32		.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16			.438	.4375			15/16			.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32		.469	.4688				31/32		.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

#### OUNCE TO DECIMAL OF A POUND CONVERSION CHART

<u>OUNCES</u>	<u>POUNDS</u>
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

## **FIIG Change List**

FIIG Change List, Effective August 7, 2007

Analyzed SAC coding in FIIG and updated to AND Coding.

MRCs ANNQ, AWJT, AYGW, changed to AND Coding.